

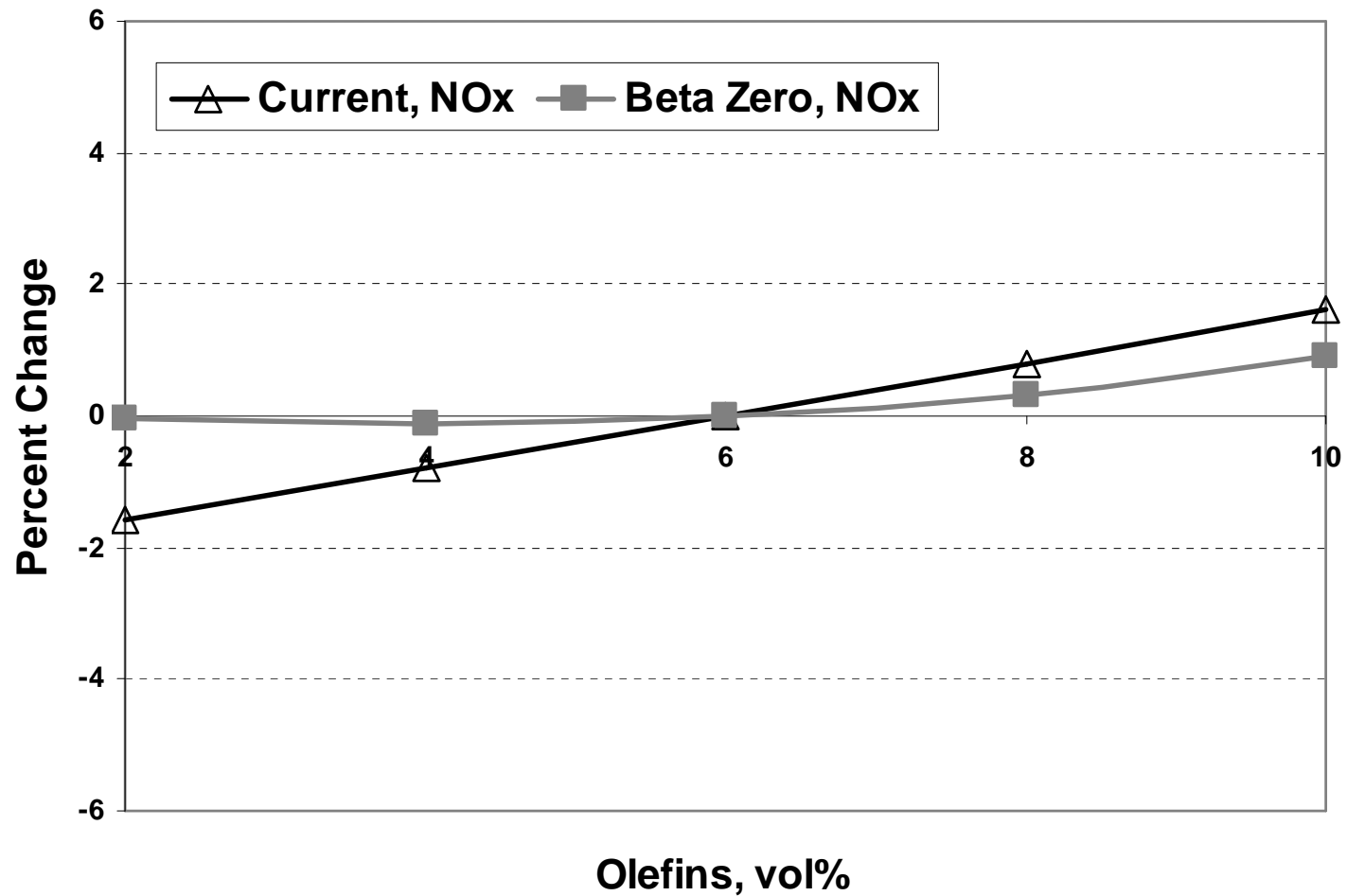
# WSPA Comments on Predictive Model Exhaust Emissions

CARB Fuels Workshop  
September 22, 2006

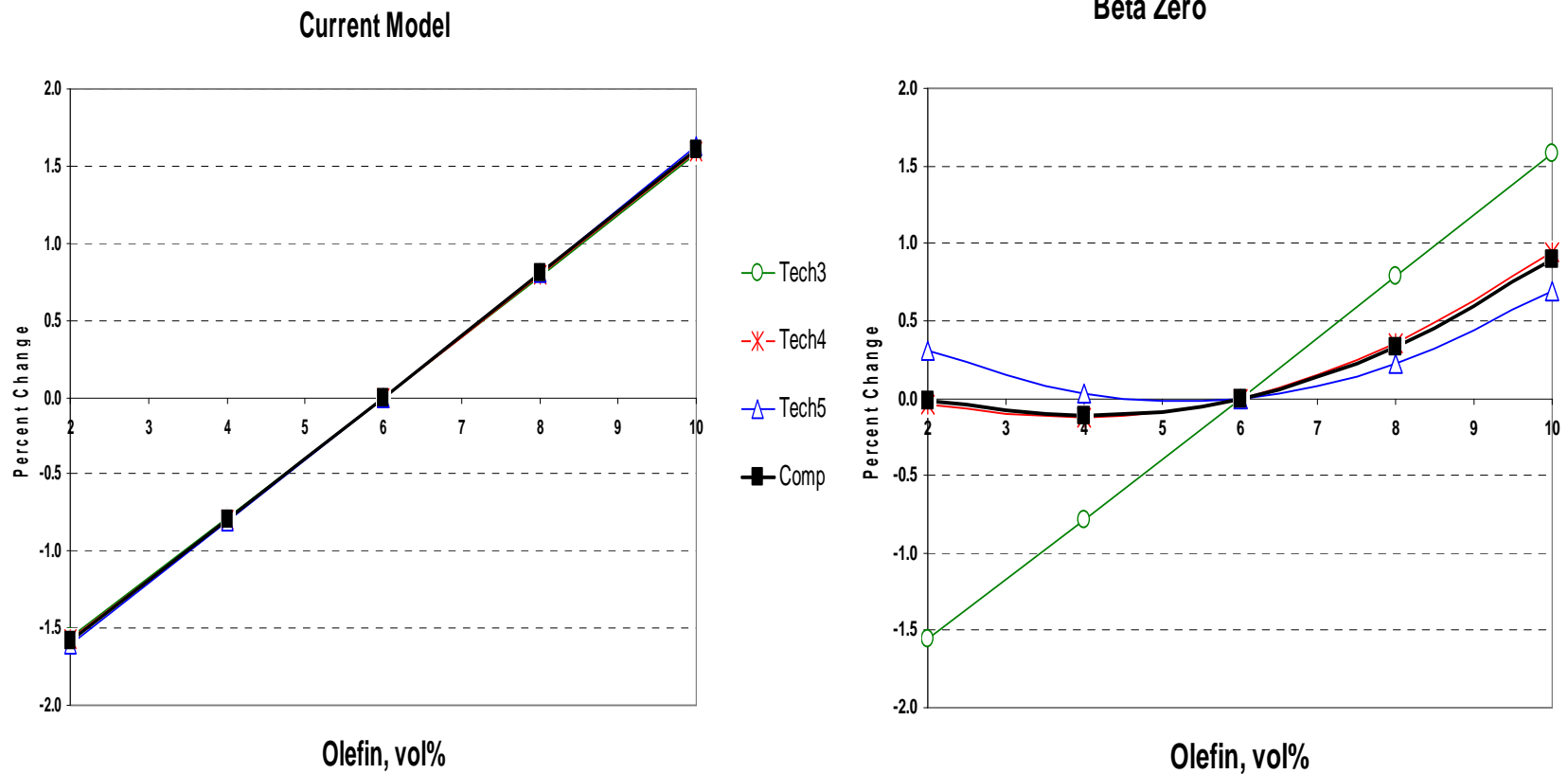
# General Comments

- CARB process
  - Statistical group has done an excellent job of review and analysis
  - Meetings have been open and CARB staff has listened to all input
  - Some remaining statistical issues need to be resolved
- Evaluate the model and decide if the responses make sense (see example)
  - If not, need to understand what data are driving the responses
  - Responses are best linked to programs that varied fuel in a statistical design

# Olefin Effect on NOx



# Olefins/NOx – Tech Group Differences



Not aware of any olefins studies.  
What caused change in response?

# Suggested Approach

- WSPA evaluated responses of exhaust emissions to individual fuel properties
  - All other properties held at flat limits
- Statistical group should review all responses and ensure that they are consistent with data from well designed studies